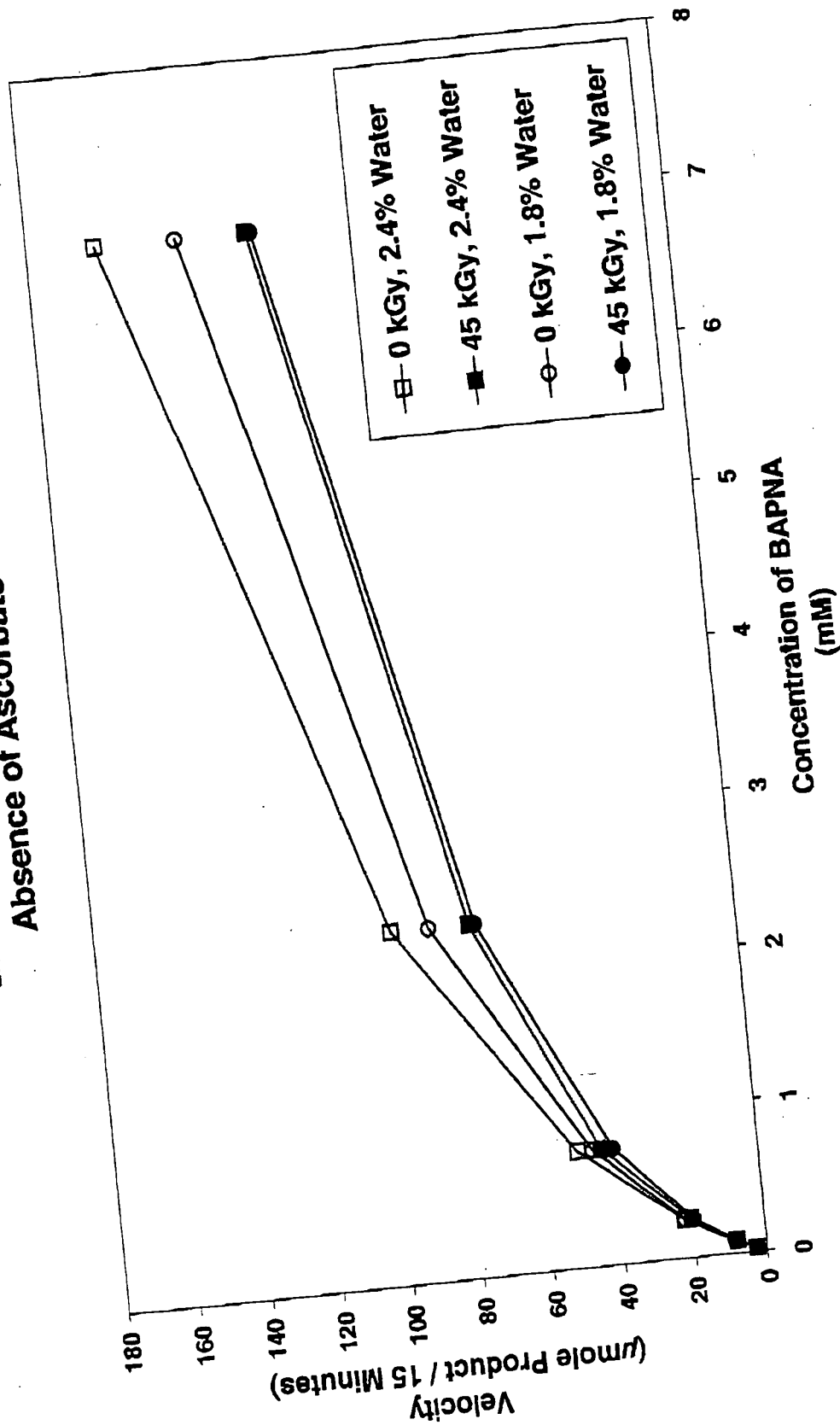


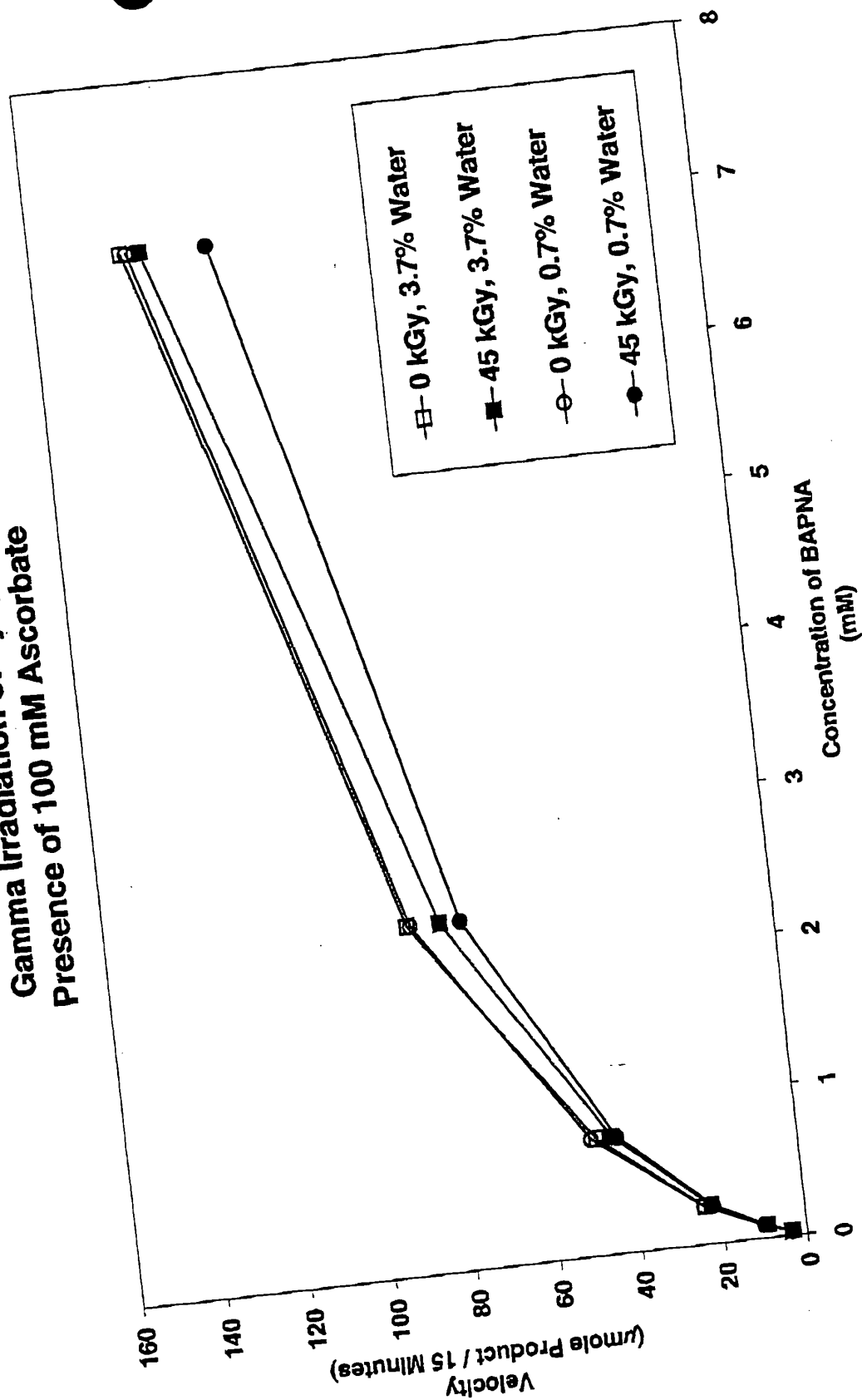
FOI E80-82624660

# Gamma Irradiation of Lyophilized Trypsin in the Absence of Ascorbate



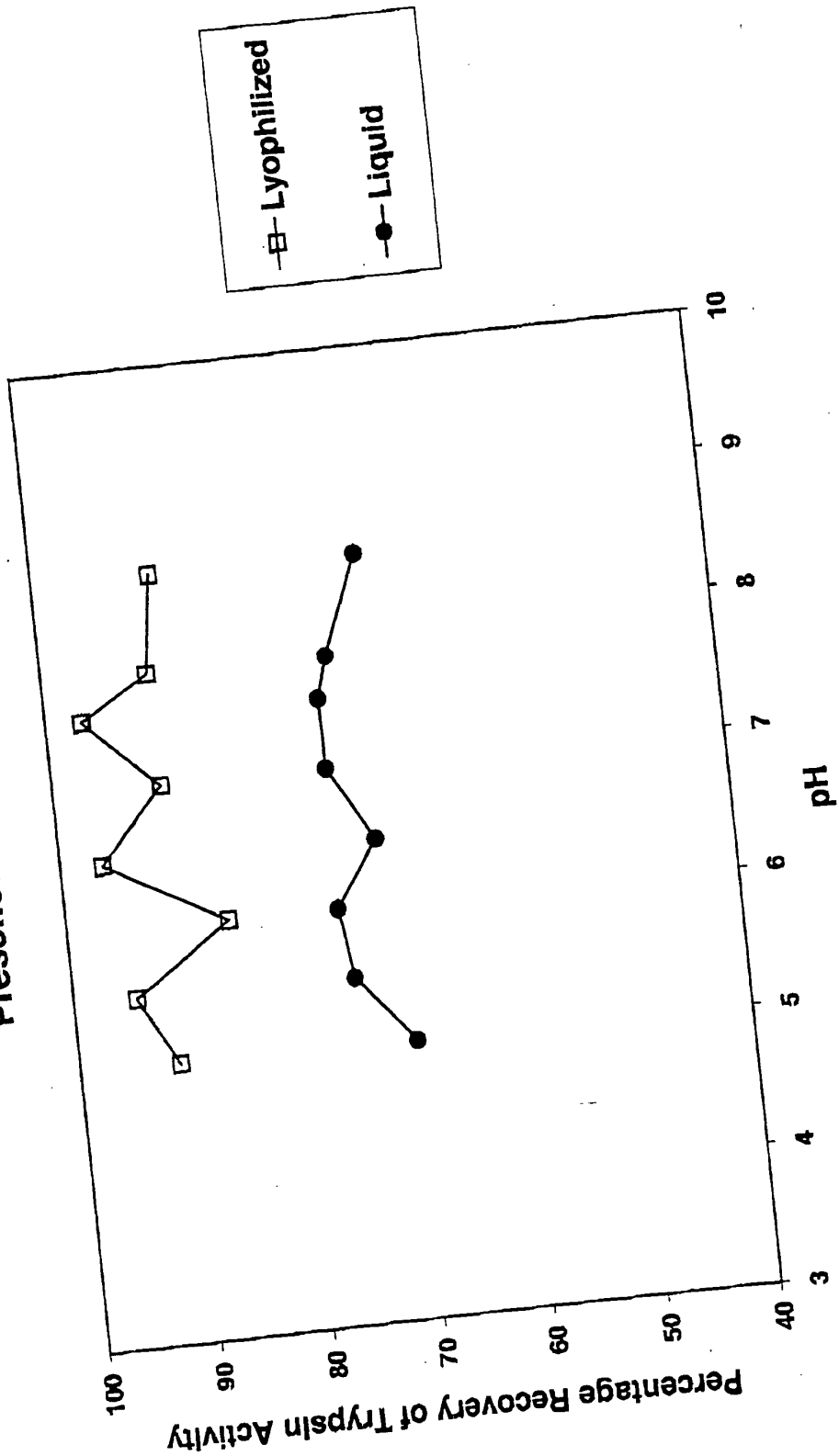
FOIEBO' BE62H660

**Gamma Irradiation of Lyophilized Trypsin in the  
Presence of 100 mM Ascorbate**



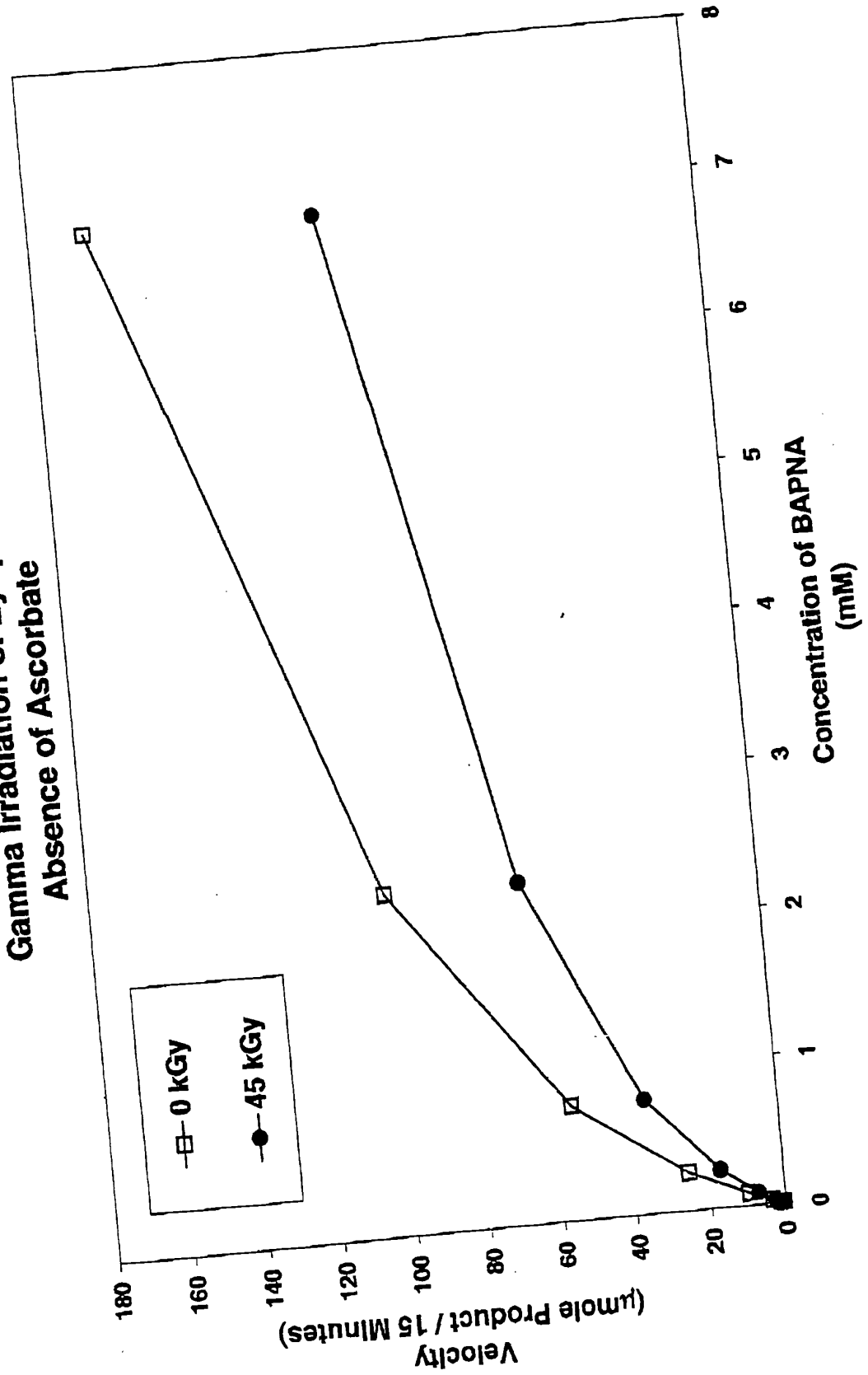
FOIEBO" 8E62H660

# Gamma Irradiation of Two Forms of Trypsin In the Presence of 200 mM Ascorbate



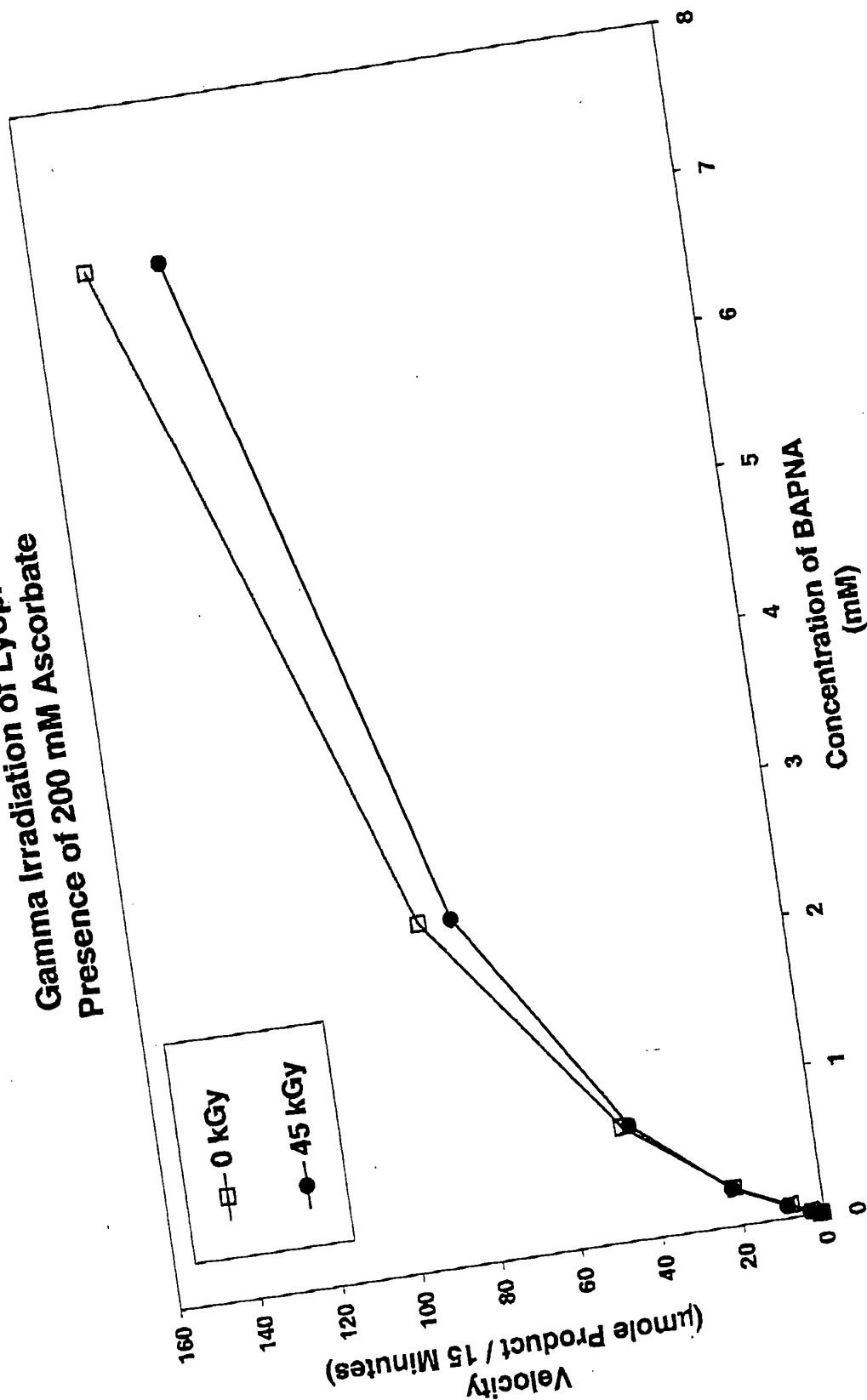
101E80" B6624660

# Gamma Irradiation of Lyophilized Trypsin in the Absence of Ascorbate



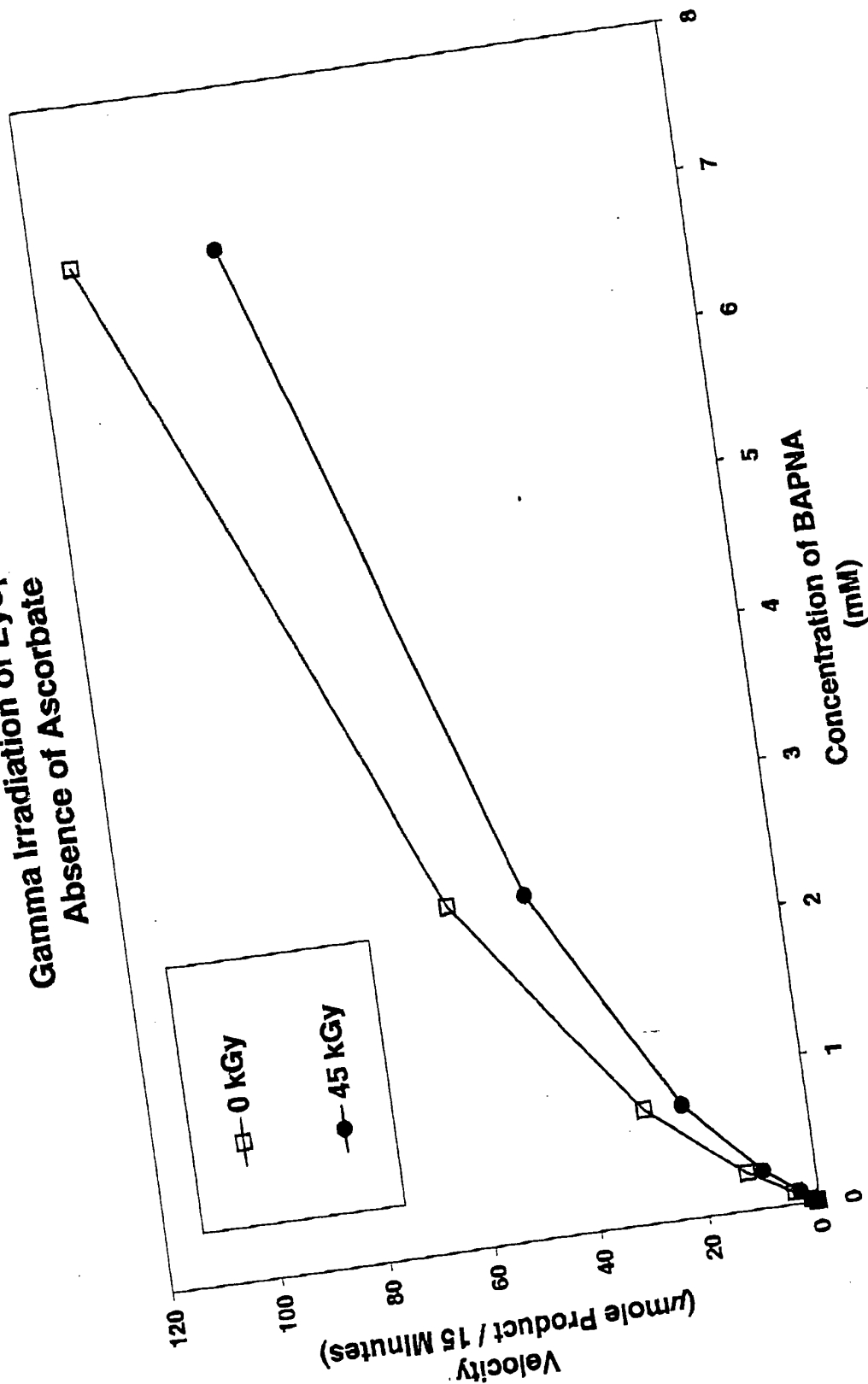
FOIEBO" 8E62H660

Gamma Irradiation of Lyophilized Trypsin in the  
Presence of 200 mM Ascorbate

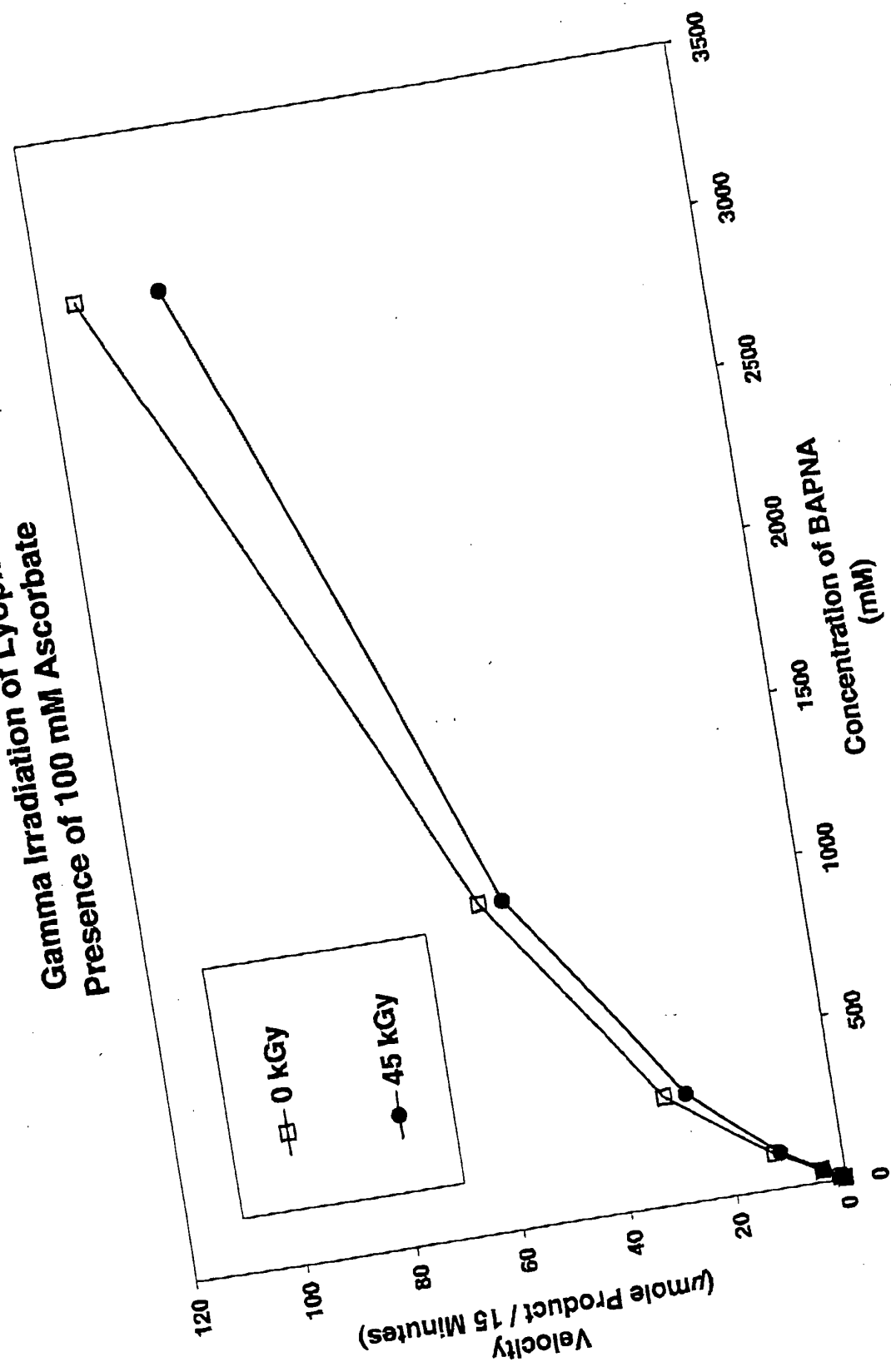


T01E80"8E62H660

# Gamma Irradiation of Lyophilized Trypsin in the Absence of Ascorbate



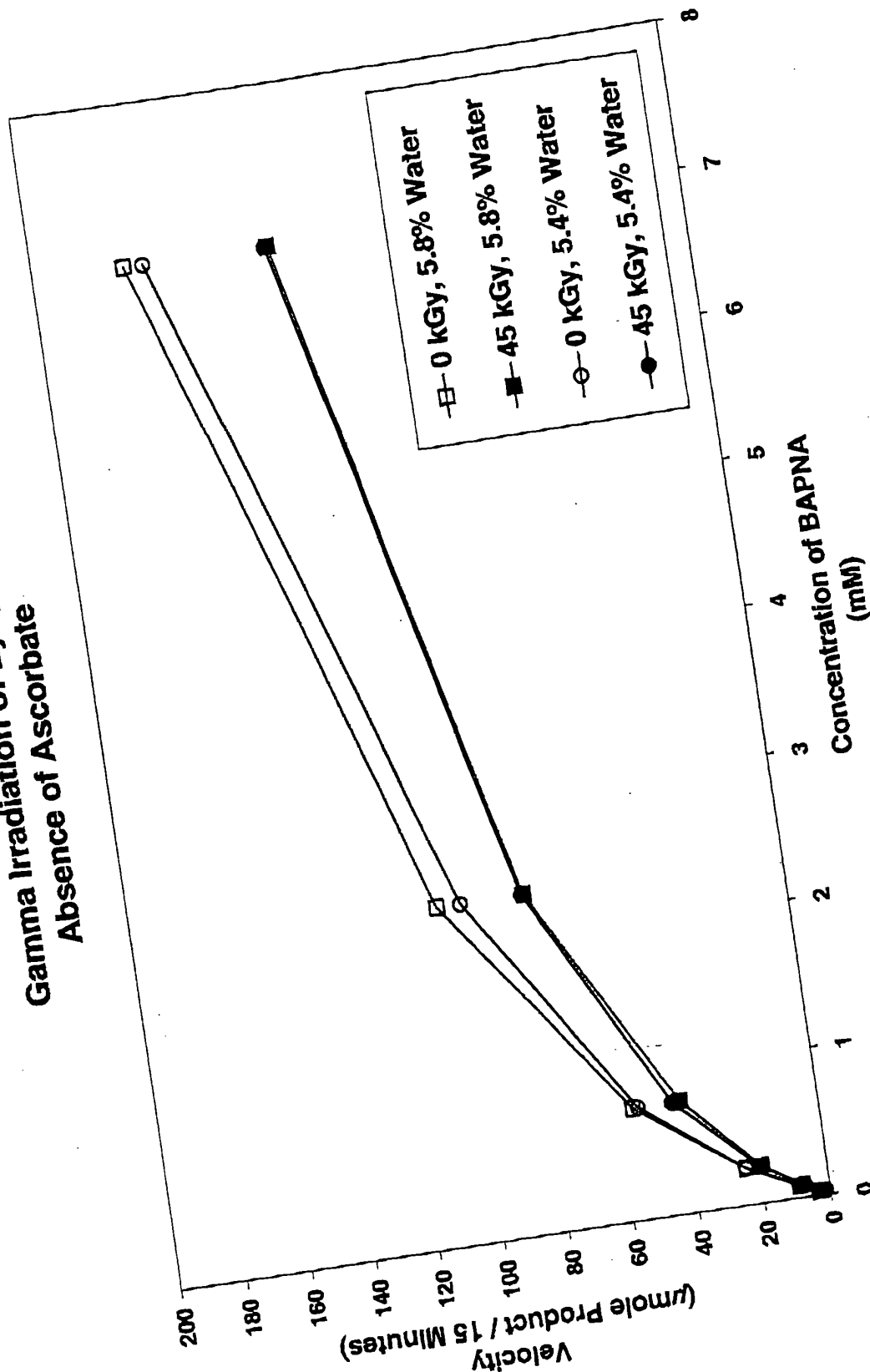
FOUR-86624660  
 Gamma Irradiation of Lyophilized Trypsin in the  
 Presence of 100 mM Ascorbate



5A

T01E90" BE624660

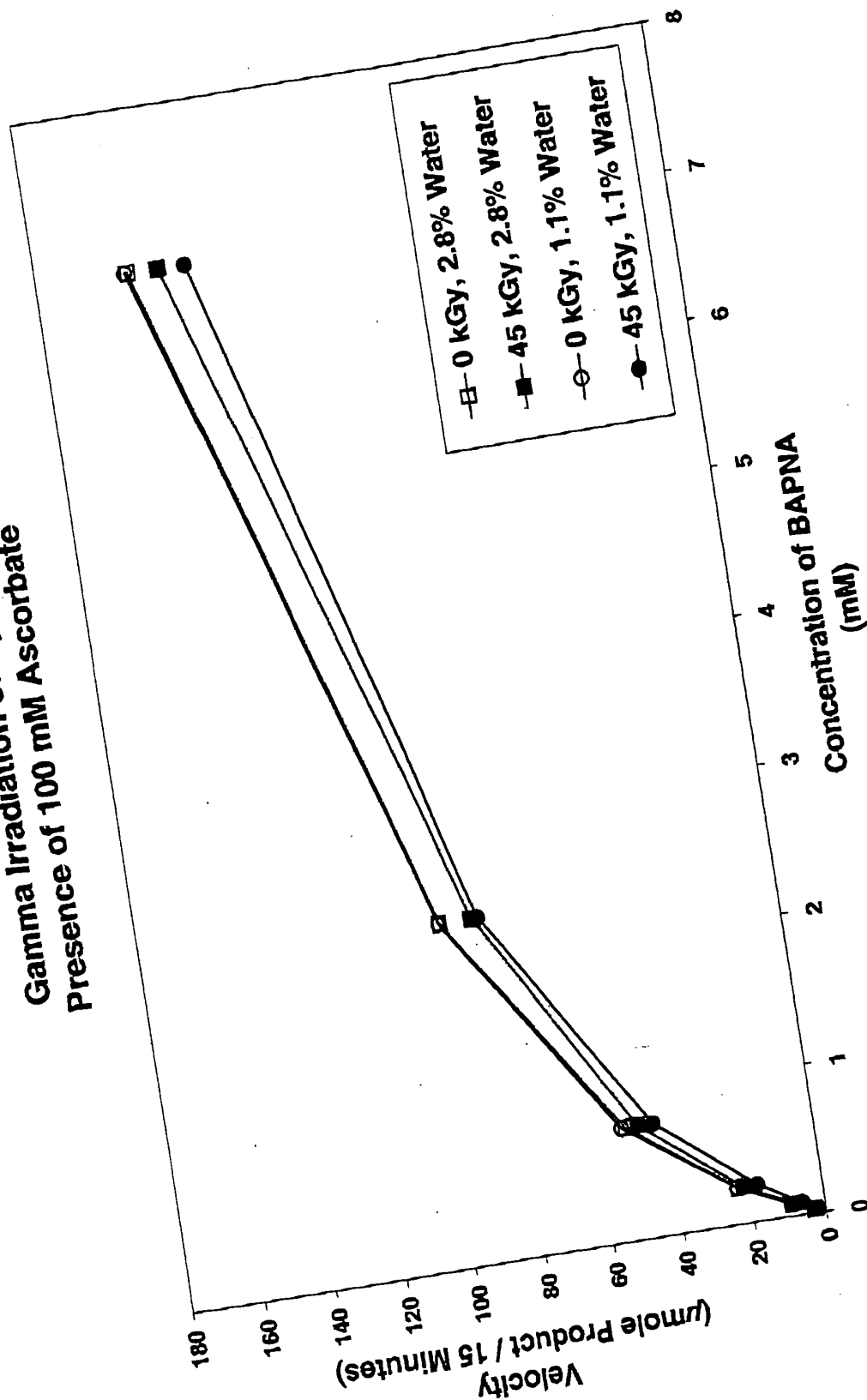
**Gamma Irradiation of Lyophilized Trypsin In the  
Absence of Ascorbate**





FOI b7D b7E b7C b7D

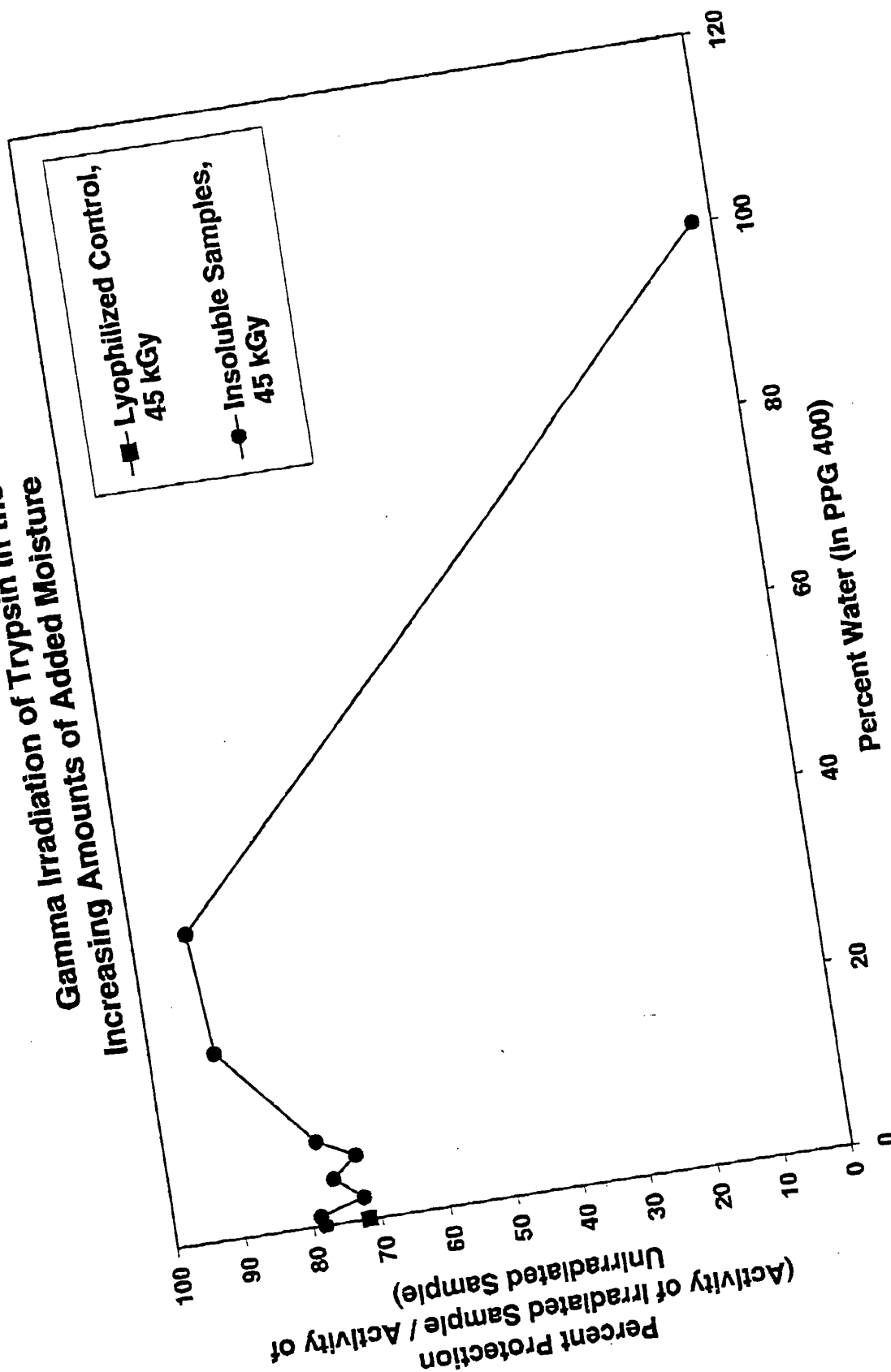
Gamma Irradiation of Lyophilized Trypsin in the  
Presence of 100 mM Ascorbate



5B

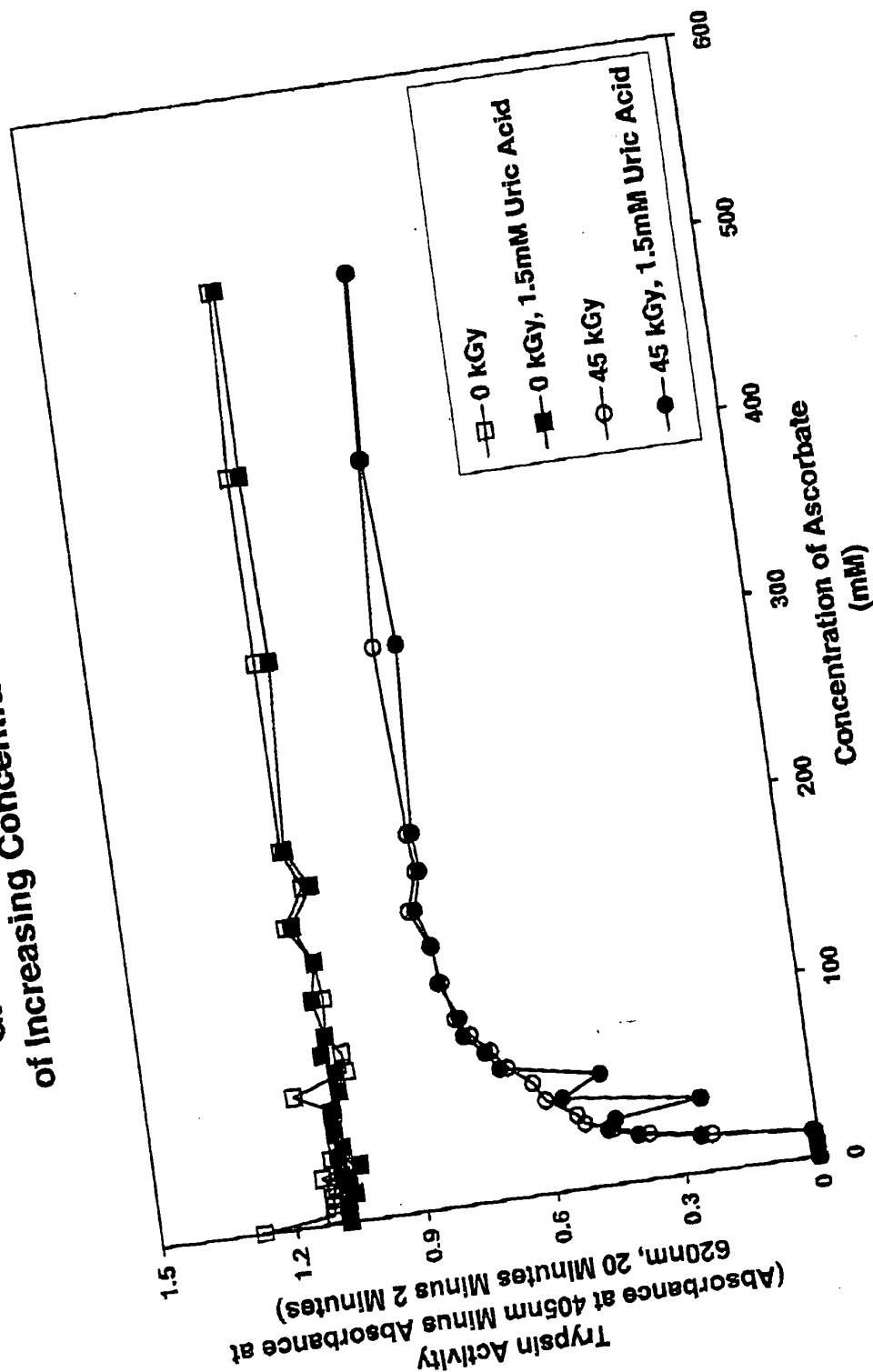
TOTEBD" 8E52H660

# Gamma Irradiation of Trypsin in the Presence of Increasing Amounts of Added Moisture



REF ID: A6624660

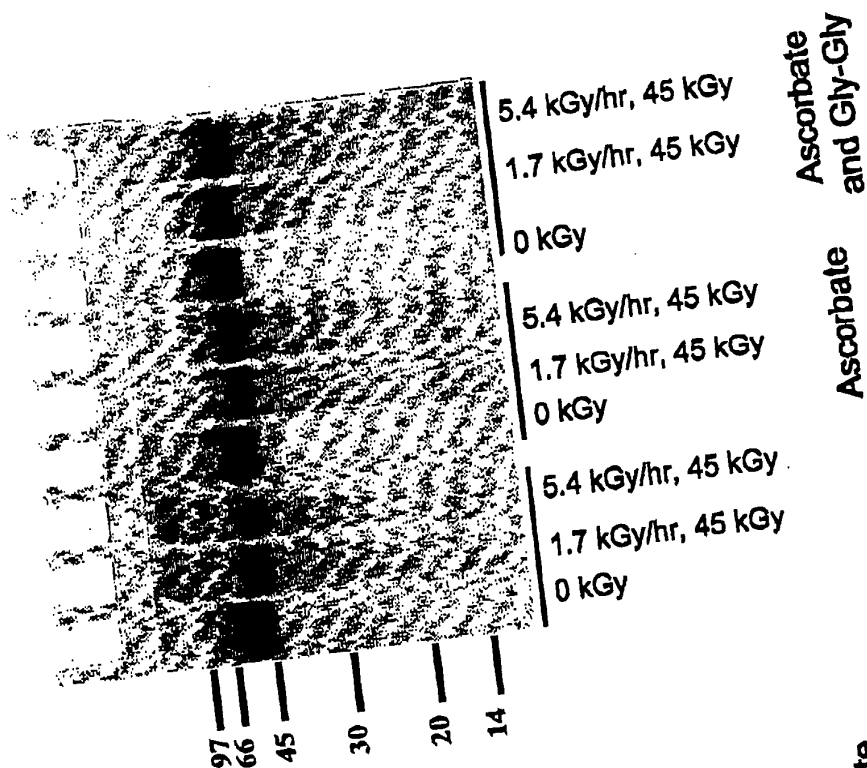
# Gamma Irradiation of Liquid Trypsin in the Presence of Increasing Concentrations of Ascorbate



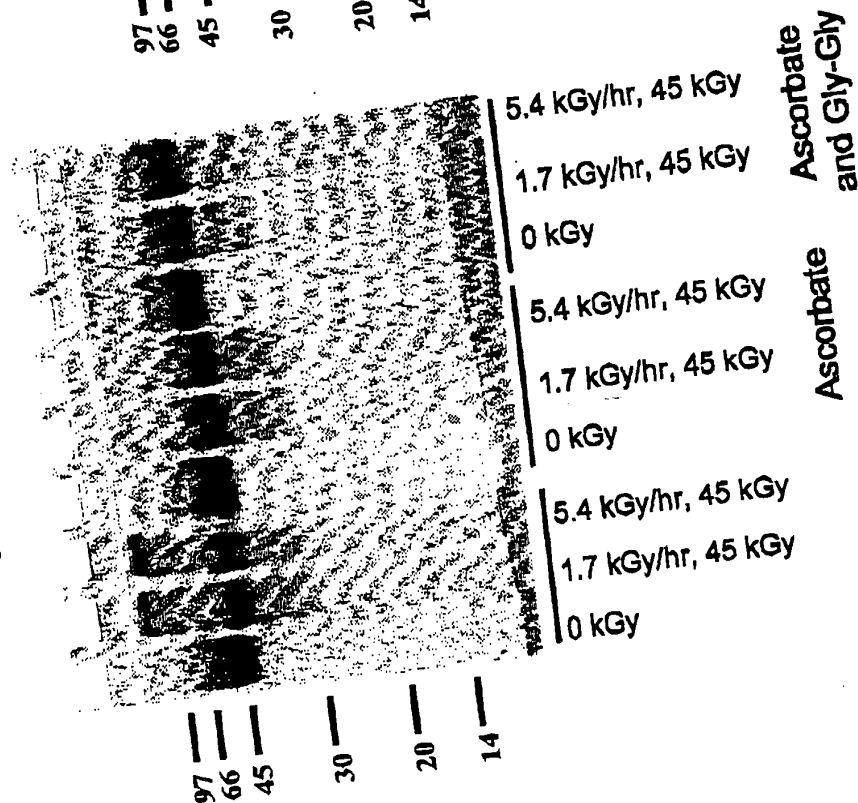
# 107620" 8E624660 SDS-PAGE for a Glycosidase

8A

Reduced

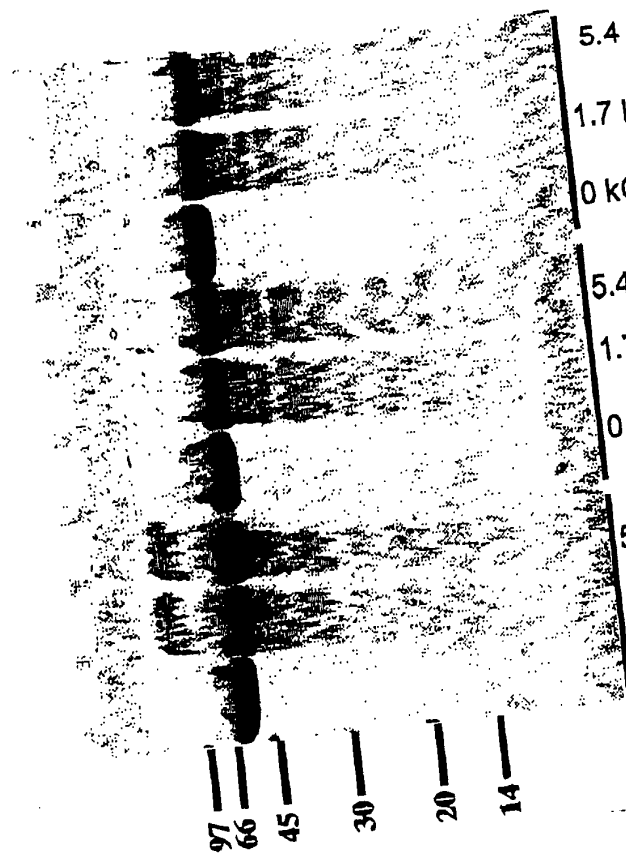


Nonreduced



2  
 2  
 T07E80" BE62H660  
**SDS-PAGE for a Sulfatase**

**Reduced**



5.4 kGy/hr, 45 kGy

1.7 kGy/hr, 445 kGy

0 kGy

Ascorbate  
and Gly-Gly

5.4 kGy/hr, 45 kGy

1.7 kGy/hr, 45 kGy

0 kGy

Ascorbate

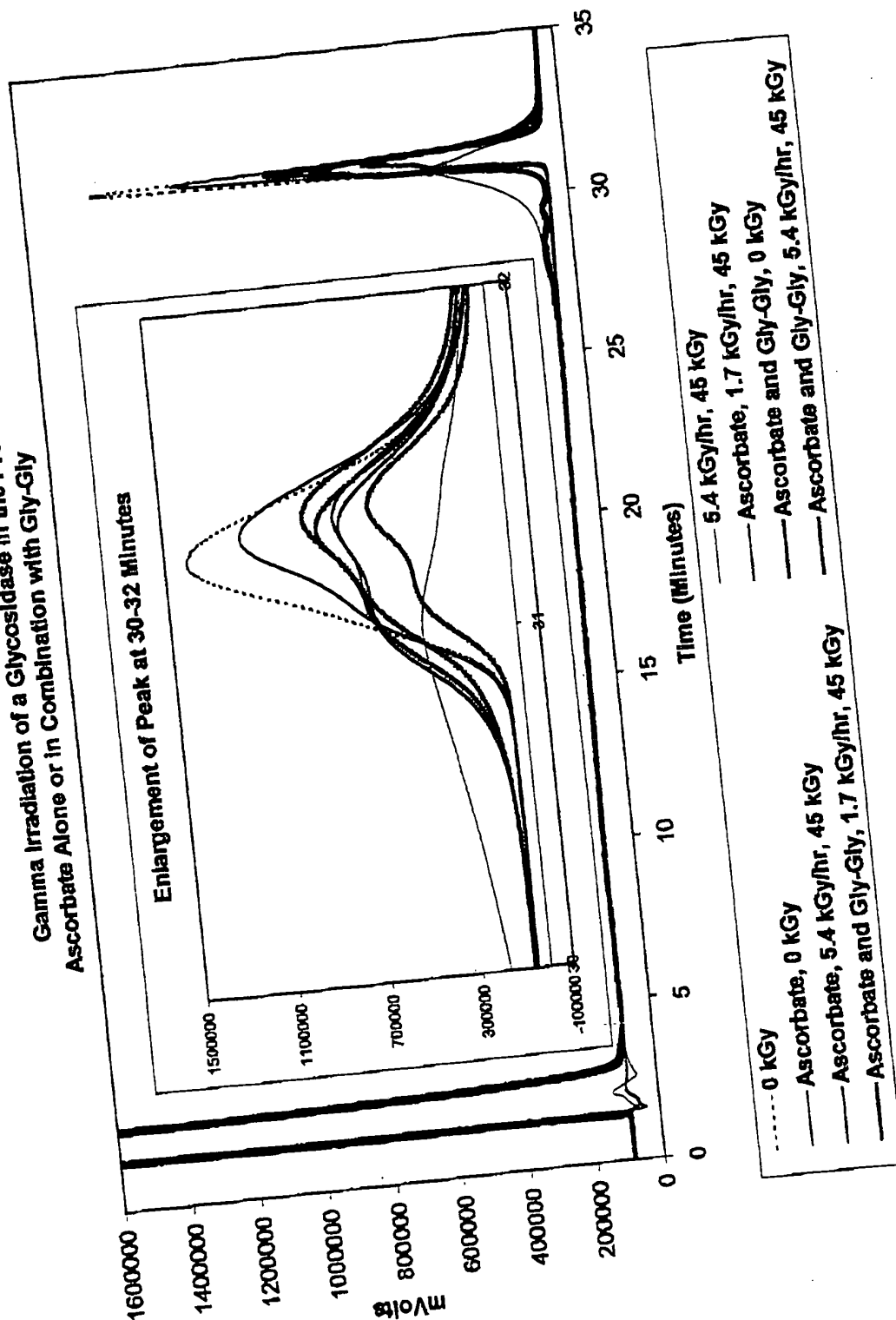
5.4 kGy/hr, 45 kGy

1.7 kGy/hr, 45 kGy

0 kGy

TOTERO BE624660

Gamma Irradiation of a Glycosidase in the Presence or Absence of  
Ascorbate Alone or in Combination with Gly-Gly



T01E80" 8E624660

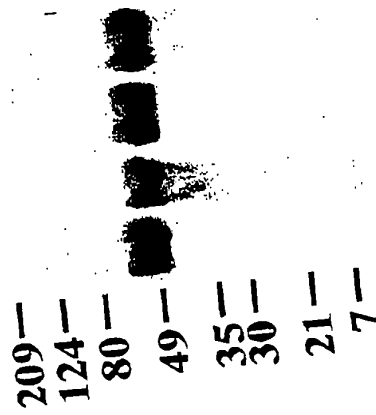
# **Gamma Irradiation of a Lyophilized Glycosidase and Sulfatase In the Absence and Presence of 100mM Ascorbate**

**Sulfatase**



45 kGy	With Ascorbate
0 kGy	
45 kGy	Without Ascorbate
0 kGy	

**Glycosidase**



45 kGy	With Ascorbate
0 kGy	
45 kGy	Without Ascorbate
0 kGy	

TOFEBD" 8E62H660

# Gamma Irradiation of a Lyophilized Glycosidase

In the Absence of Stabilizers

Reduced and Non-Reduced, 10%



200—

116—

97—

45—

22—

14—

Non-Reduced

50 kGy

30 kGy

10 kGy

0 kGy

Reduced

50 kGy

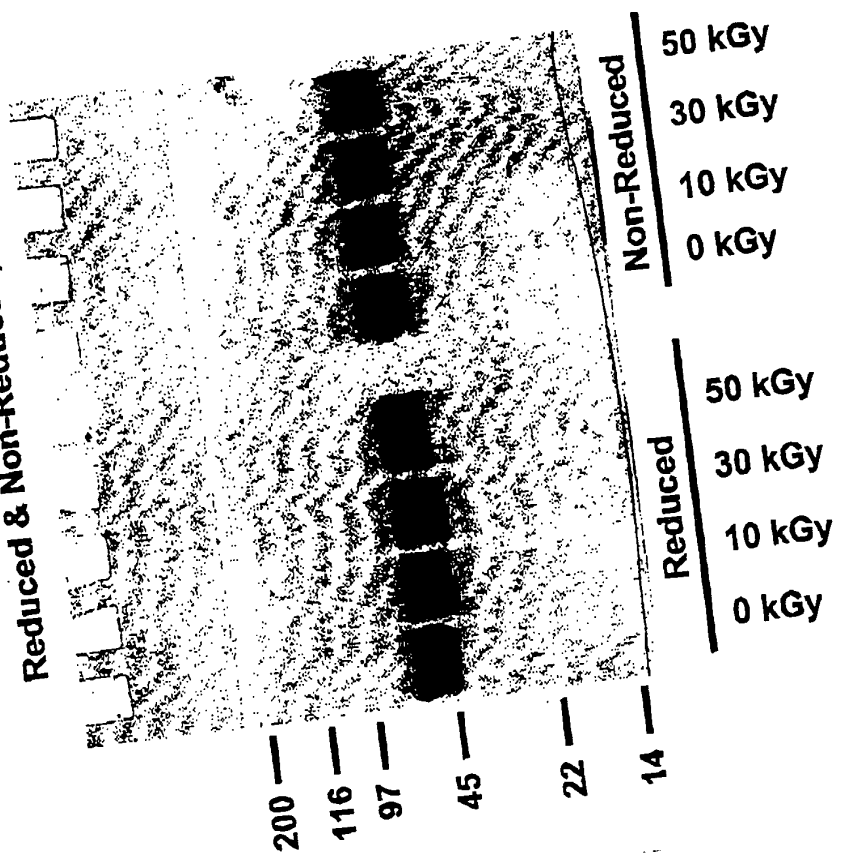
30 kGy

10 kGy

0 kGy

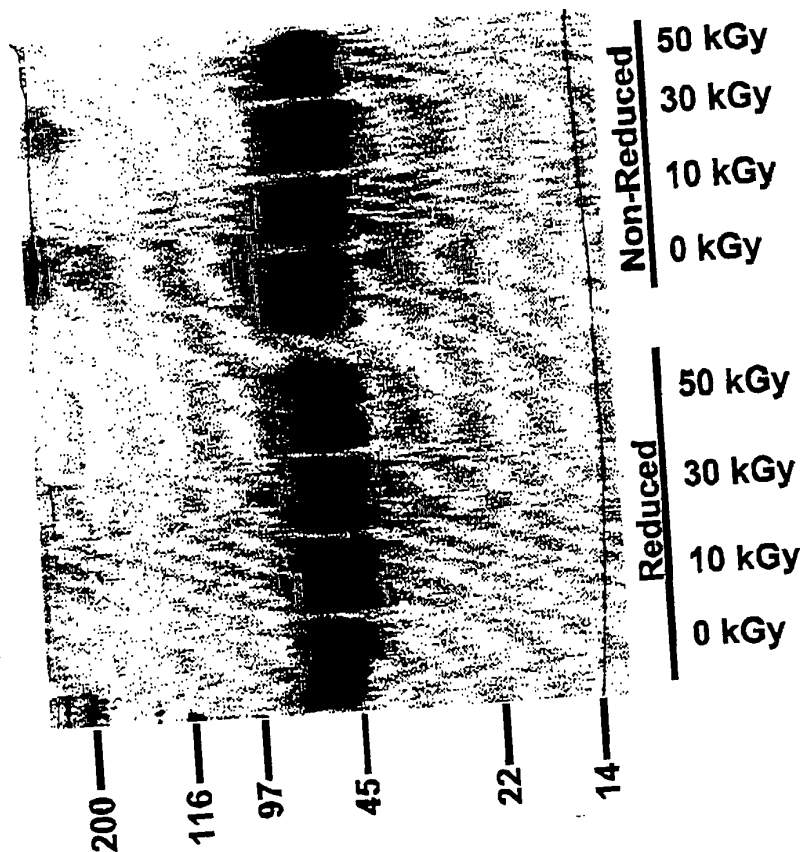


TDTEDD" BE62H660  
 Gamma Irradiation of a Lyophilized Glycosidase  
 In the Presence of 200mM Ascorbate



# Gamma Irradiation of a Lyophilized Glycosidase In the Presence of 200mM Ascorbate and 200mM Gly-Gly

## Reduced & Non-Reduced, 10%



11C